

The figure consists of 12 sub-diagrams labeled (a) through (l), each showing a sequence of operations on a set of elements. The elements are represented by letters and numbers, and the operations are indicated by arrows. The diagrams are arranged in a grid-like fashion, with some elements appearing in multiple stages.

- (a) Initial state: A set of elements  $\{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12\}$  is shown. Arrows indicate a sequence of operations.
- (b) Operation 1: The element 1 is moved to the top of the set.
- (c) Operation 2: The element 2 is moved to the top of the set.
- (d) Operation 3: The element 3 is moved to the top of the set.
- (e) Operation 4: The element 4 is moved to the top of the set.
- (f) Operation 5: The element 5 is moved to the top of the set.
- (g) Operation 6: The element 6 is moved to the top of the set.
- (h) Operation 7: The element 7 is moved to the top of the set.
- (i) Operation 8: The element 8 is moved to the top of the set.
- (j) Operation 9: The element 9 is moved to the top of the set.
- (k) Operation 10: The element 10 is moved to the top of the set.
- (l) Final state: The element 11 is moved to the top of the set.